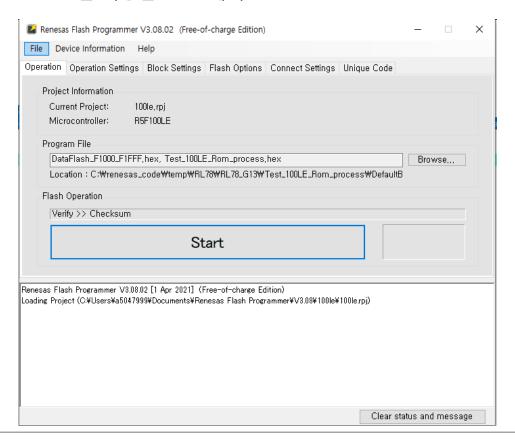


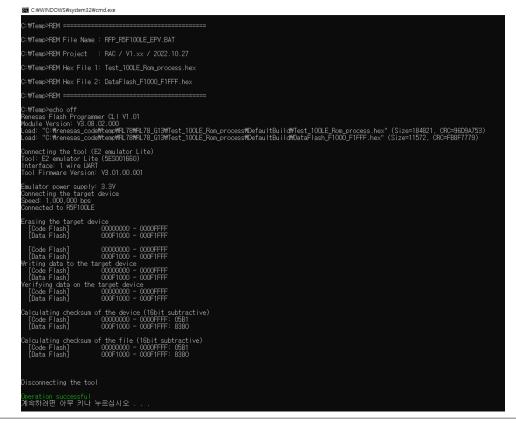
RFP의 활용

Command line control이란, RFP GUI로 구현 할 수 없는 확장 기능 등을 Batch file을 이용하여 실행. Batch file과 Hexa file을 유관부서에 배포 할 경우, 제어 포인트가 적어 User error등의 빈도 수를 낮출 수 있다.

< GUI를 이용한 Flash제어 >



< COMMAND Line interface를 이용한 Flash제어 >



RFP RELEASE SCHEDULE TO SUPPORT ADDITIVE CHECKSUM / ADDRESS OFFSET

Schedule		Additive checksum	Address offset
15 th March	Alpha version	GUI mode / CLI mode	CLI mode only
Begin of Apr	Official Release	GUI mode / CLI mode	CLI mode only
4Q/2023(Oct)	Official Release	GUI mode / CLI mode	GUI mode / CLI mode

RL78 BATCH FILE 예 및 COMMAND OPTION

< COMMAND Line을 이용한 Flash제어 >

< COMMAND Option >

```
Rfp-cli [Option field] [download file]

[Option field]

-d rl78: Selects a device type.

-t e2!: Selects the emulator hardware

-vo 3.3: Enables the supply of power.

-checksum-type add16: additive checksum(Support only for RL78)

-a: Auto(EPV) -e: Erase / -p: Program / -v: Verify / -blankcheck / -cf: file checksum / -c: device checksum / -pv: Program + Verify

[download file]

"Path\xxx.hex"
```

RX66T BATCH FILE 예 및 COMMAND OPTION

< COMMAND Line을 이용한 Flash제어 >

< COMMAND Option >

```
Rfp-cli [Option field] [download file]
[Option field]
-d rx66x: Selects a device type.
-t e2l : Selects the emulator hardware
-vo 3.3 : Enables the supply of power.
-a : Auto(EPV) -e : Erase / -p : Program / -v : Verify / -blankcheck / -cf : file checksum / -c : device checksum / -pv : Program + Verify / -fill data
[download file]
"Path\xxx.hex"
```

BATCH FILE 실행

1개의 Batch file 실행으로 Code Flash와 Data Flash의 Erase/Program/Verify 실행 및 File checksum과 Device checksum을 확인

C:\WINDOWS\system32\cmd.exe :Wrenesas_docWPT_자료(JCKIM)W2023WRFP_Cmd_line_forLGE_20230316WRFP_E3.11.02b>REM_File_Name RFP_CLI_Batch_forRL78G14_R5F100PJ.BAT RAC / V1.xx / 2023.03.16 :#renesas_doc#PT_자료(JCKIM)#2023#RFP_Cmd_line_forLGE_20230316#RFP_E3.11.02b>REM_Project :Wrenesas_docWPT_不是(JCKIM)W2023WRFP_Cmd_line_forLGE_20230316WRFP E3.11.02b>REM ROM Hex File : 104PJ_Test.hex :Wrenesas_docWPT_자료(JCKIM)W2023WRFP_Cmd_line_forLGE_20230316WRFP_E3.11.02b>REM Offset of EEPROM: 0xf1000 :\renesas_doc\rentries | Transport | Tran C:\mrenesas_doc\mpT_자료(JCKIM)\m2023\mpRFP_Cmd_line_forLGE_20230316\mpRFP_E3.11.02b>echo_off Renesas Flash Programmer CLI V1.06 Module Version: V3.11.02.000 Load: "C:Wrenesas_docWPI.万宝(JCKIM)W2023WRFP_Cmd_line_forLGE_20230316WRFP E3.11.02bWHexForRL78G14W104PJ_Test.hex" (Size=737802, CRC=526219FB) Load: "C:Wrenesas_docWPT_万宝(JCKIM)W2023WRFP_Cmd_line_forLGE_20230316WRFP E3.11.02bWHexForRL78G14WDataFlash_binary4KB.bin" (Offset=000F1000) Connecting the tool (E2 emulator Lite) ool: E2 emulator Lite (5ES004428) nterface: 1 wire UART Tool Firmware Version: V3.03.00.005 Emulator power supply: 3.3V Connecting the target device Speed: 1,000,000 bps Connected to R5F104PJ Erasing the target device [Code Flash] 000 00000000 - 0003FFFF [Data Flash] 000F1000 - 000F1FFF iting data to the target device [Code Flash] 00000000 - 0003FFFF [Data Flash] 000F1000 - 000F1FFF erifying data on the target device [Code Flash] 00000000 - 0003FFFF 000F1000 - 000F1FFF [Data Flash] Iculating checksum of the device [Code Flash] [Data Flash] 00000000 - 0003FFFF 000F1000 - 000F1FFF Device checksum: [Code Flash] 00000000 - 0003FFFF: D2D3 000F1000 - 000F1FFF: 7C80 [Data Flash] File checksum: [Code Flash] 00000000 - 0003FFFF: D2D3 000F1000 - 000F1FFF: 7C80 [Data Flash] Disconnecting the tool 속하려면 아무 키나 누르십시오 .

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